## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:   Baofu Duan et al.

Serial No.:   10/615,885

Filing Date:   July 8, 2003

Art Unit:   2624

Confirmation No.:   9839

Examiner:   Joseph Mancuso

Title:   *HIERARCHICAL DETERMINATION OF FEATURE RELEVANCY*

**Mail Stop Amendment**
Commissioner of Patents
PO Box 1450
Alexandria, VA 22313-1450

> VIA ELECTRONICALLY
> FILED
> WITH THE USPTO ON
> October 2, 2006

Dear Sir:

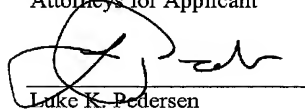### INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

## REMARKS

Pursuant to 37 C.F.R. § 1.97(b), Applicant believes this Information Disclosure Statement has been filed before the **issuance/mailing** date of the first Office Action. Therefore, Applicant believes no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts, L.L.P.

Respectfully submitted,

Baker Botts L.L.P.
Attorneys for Applicant

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Reg. No. 45,003

Date: _____10/2_____, 2006

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Customer No.    **05073**

| PTO-1449 | | | Application No.<br>**10/615,885** | | Applicant(s)<br>**Baofu Duan et al.** | | |
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| **Information Disclosure Citation<br>In an Application** | | | Docket Number<br>**063170.7183** | Group Art Unit<br>**2634**<br>Confirmation No.:<br>**9839** | | Filing Date<br>**July 8, 2003** | |

## U.S. PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---|---|---|---|---|---|---|---|
| | A | | | | | | |
| | B | | | | | | |
| | C | | | | | | |
| | D | | | | | | |
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## FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | YES | NO |
| | J | | | | | | | |
| | K | | | | | | | |
| | L | | | | | | | |

| | | OTHER DOCUMENTS (Including Author, Title, Source, and Pertinent Pages) | DATE |
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| | N | Hwang, et al; "Hierarchical Discriminant Regression"; IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 22, no. 11, Pages 1277-1293; XP-002302472 | November 2000 |
| | O | Jain, et al; "Feature Selection: Evaluation, Application, and Small Sample Performance"; IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 19, no. 2; Pages 153-158; XP-002294891 | February 1997 |
| | P | E. Krusinska; "Two Step Semi-Optimal Branch and Bound Algorithm for Feature Selection in Mixed Variable Discrimination"; 1023 Pattern Recognition, vol. 22, no. 4, Head. Hill Hall, Oxford, GB; Pages 455-459; XP-000046518 | 1989 |
| | Q | P. M. Narandra et al.; "A Branch and Bound Algorithm for Feature Subset Selection"; IEEE Transactions on Computers, vol. C-26, no. 9; Pages 917-922; XP-0000647423 | September 1977 |
| | R | Communication pursuant to Article 96(2) EPC (Appln. No. 04 777 558.0-1224) | June 1, 2006 |
| | S | | |

| EXAMINER | DATE CONSIDERED |
|---|---|
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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